

Building Product Information Sheet

Class 1 – December 2023

Product Name: bbi AraucoPly Structural Plywood**Application:** General/Specific Design**Product Description and Intended Use:**

bbi AraucoPly® structural plywood comprises layered panels crafted from Chilean pine wood veneers. These panels are meticulously produced by Arauco in compliance with AS/NZS 2269 standards. Bonded together using synthetic phenolic (PF) resin and cured under controlled heat and pressure to form a robust Type A bond, ensuring durability and strength. Typically arranged at right angles, the veneers provide bi-directional stability and strength.

Designed to meet Verification Method B1/VM1 or specified within Acceptable Solutions E2/AS1 and B1/AS1, bbi AraucoPly® structural plywood is suitable for incorporation into structural systems as outlined by engineers and other qualified design professionals. Installation should adhere strictly to the guidelines and specifications provided by these professionals.

To ensure compliance with the durability requirements stipulated in the New Zealand Building Code (NZBC) Durability Clause B2, the durability of bbi AraucoPly® plywood products should be detailed by qualified design professionals.

bbi AraucoPly® is offered in F11/F8 stress grades and a variety of surface appearance grades, including CD and DD. It is available in both untreated and H3.2 CCA treated forms.

Product Identifier:

bbi AraucoPly Structural Plywood sheets are marked as per the requirements of AS/NZS 2269 and include the brand name Maderas Arauco, "Structural AS/NZS 2269", Face Grade CD/DD, "A- Bond - Super E0", and "Product of Chile" Treated product will have a Treated Stamp.

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Place of Manufacture: Chile

Legal and Trading Name of Manufacturer: Maderas Arauco S.A.

Address for Service: Level 6, 90 Mount Street, North Sydney - NSW 2060, Australia

Website: www.arauco.cl

Email Address: araucoaustralia@arauco.cl

Legal and Trading Name of Importer: bbi Wood Products Ltd

Address for Service: 27 Poporo Way, Longlands, Hastings, New Zealand

Website: www.bbi.net.nz

Email Address: sales@bbi.net.nz

Phone Number: 0800 224 759

NZBN: 9429033930442

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Relevant New Zealand Building Code Clauses:

- Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)
- Clause B2 Durability: Performance B2.3.1(a) when used and treated to the requirements of NZS 3602
- Clause F2 Hazardous Building Materials: F2.3.1

Statement on how the product is compliant:

bbi AraucoPly® Structural Plywood is for use in General or Specific Design applications

bbi AraucoPly® Structural Plywood, is designed in accordance with AS/NZS 2269 or as specified in E2/AS1 or NZS 3604, and assists in meeting the following provisions of the NZBC:

- **Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4(d)**

bbi AraucoPly® is product certified by SAI Global as being manufactured in accordance with the joint New Zealand / Australian Standard AS/NZS 2269, Structural Plywood.

- **Clause B2 Durability: Performance B2.3.1(a) when used and treated to the requirements of NZS 3602**

bbi AraucoPly® Structural Plywood is manufactured to meet the requirements of the NZBC Clause B2 Durability. As such, if the product is used in accordance with good building practices and treated to the required treatment levels prescribed in NZS 3602, it will form part of an Acceptable Solution complying with the requirements of the NZBC (Acceptable Solution B2/AS1, 3.2.1).

- **Clause F2 Hazardous Building Materials: F2.3.1**

bbi AraucoPly® Structural Plywood meets this requirement and will not present a health hazard to people.

Limitations on use of the product:

- bbi AraucoPly® Structural Plywood, CCA Treated plywood must not be installed in direct contact to steel frames.
- Appropriate clearances to ground must be provided to meet durability requirements as detailed by design professionals.
- Please refer to the current “bbi AraucoPly® Product Catalogue” for information, limitations, and cautions regarding the storage, handling, installation, usage, and maintenance of bbi AraucoPly® Structural Plywood.

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Design requirements to support appropriate use of the product:

bbi AraucoPly® Structural Plywood designed in accordance with AS/NZS 2269 or specified in accordance with Acceptable Solutions E2/AS1 and B1/AS1 is suitable for use as structural panels within structural systems designed and specified by engineers and other suitable design professionals. bbi AraucoPly Structural Plywood is to be installed in accordance with the specifications and details provided by design professionals.

Span Tables within the bbi AraucoPly® Product Catalogue have been designed in accordance with NZS 3603 (verification method B1/VM1, 6.1). Serviceability and other criteria were selected using guidelines available from joint Australian / New Zealand standards technical committees as applicable.

Bracing Capacities, determined in accordance with P21 testing methods, are published for use in conjunction with bracing demand determined in accordance with NZS 3604 (P21 tests form part of an Acceptable Solution of NZS 3604, (Acceptable Solution B1/AS1, 3.1)).

Installation requirements:

bbi AraucoPly® Structural Plywood must be installed using good building practice, sound design principles, and in accordance with the installation details and specifications found in the current bbi AraucoPly Product Catalogue or by an engineer and /or other qualified professional.

Maintenance requirements:

bbi AraucoPly® Structural Plywood does not typically require maintenance, however if product has been coated then this must be maintained in accordance with the coating manufacturers specifications.

Is this product subject to a warning or ban under section 26 of the Building Act 2004?: No

Date: 10th April 2024

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